

Common Aviation Command and Control System (CAC2S)



DESCRIPTION

The Common Aviation Command and Control System (CAC2S) will provide a complete and coordinated modernization of the equipment of the Marine Air Command and Control System (MACCS). CAC2S will eliminate current dissimilar systems and provide the Aviation Combat Element with the necessary hardware, software, and facilities to effectively command, control, and coordinate air operations while integrated with naval and joint command and control (C2). CAC2S will be comprised of standardized modular and scalable tactical facilities, hardware, and software that will significantly reduce the physical size and logistical footprint of the MACCS. In 2005 the Marine Requirements Oversight Council chose CAC2S along with Command and Control Personal Computer as foundation components of MAGTF C2. This decision paves the way for improved integration across the MAGTF.

OPERATIONAL IMPACT

CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports the tenets of Expeditionary Maneuver Warfare and fosters joint interoperability with the C2 systems. CAC2S will replace legacy C2 systems in the following Marine aviation C2 agencies: Tactical Air Command Center (TACC), Tactical Air Operations Center (TAOC), Direct Air Support Center (DASC), Marine Air Traffic Control Detachment, and Low Altitude Air Defense Battalion.

PROGRAM STATUS

CAC2S is being developed in two increments as part of an evolutionary acquisition strategy. Increment I will replace the functionality of the TACC, DASC and TAOC, and will baseline the core information fusion and management function common to all increments. Increment II will achieve integration between CAC2S and the Air Traffic Navigation and Coordination System for Air Traffic Control functionality. CAC2S is an Acquisition Category II Program in the system development and demonstration phase. CAC2S successfully completed an Operational Assessment in October 2006. IOC is planned for FY 2008.

Procurement Profile:	FY 2007	FY 2008
Quantity:	0	12
Subsystems (Low Rate Initial Production)		

Developer/Manufacturer:
Raytheon Integrated Defense Systems,
San Diego, CA